

IN THE SPECIFICATION:

Please delete the "Related Application Information" paragraph starting on page 1, line 12 of the specification and ending on page 2, line 17 of the specification and insert the following replacement paragraphs:

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31 --This application is a continuation application of U.S. Application Serial No. 09/239,598, filed January 29, 1999, now issued as U.S. Patent No. 6,331,274, which is a continuation-in-part application of Application Serial No. 09/026,618, filed February 20, 1998, entitled "Advanced Active Electronic Devices for Molecular Biological Analysis and Diagnostics and Methods for Manufacture of Same", now issued as U.S. Patent No. 6,099,803, which is a continuation-in-part of Application Serial No. 08/753,962, filed December 4, 1996, entitled "Laminated Assembly for Active Bioelectronic Devices", now issued as U.S. Patent No. 6,287,517, which is a continuation-in-part of Serial No. 08/534,454, filed September 27, 1995, entitled "Apparatus and Methods for Active Programmable Matrix Devices", now issued as U.S. Patent No. 5,849,486, which is a continuation-in-part of Application Serial No. 08/304,657, filed September 9, 1994, entitled, as amended, "Molecular Biological Diagnostic Systems Including Electrodes", now issued as U.S. Patent No. 5,632,957, continued as Serial No. 08/859,644, filed May 20, 1997, entitled "Control System for Active Programmable Electronic Microbiology System", which is a continuation-in-part of Application Serial No. 08/271,882, filed July 7, 1994, entitled, as amended, "Methods for Electronic Stringency Control for Molecular Biological Analysis and Diagnostics", now issued as U.S. Patent No. 6,017,696, which is a continuation-in-part of Application Serial No. 08/146,504, filed November 1, 1993, entitled, as amended, "Active

Programmable Electronic Devices for Molecular Biological Analysis and Diagnostics", now issued as U.S. Patent No. 5,605,662, continued as Application Serial No. 08/725,976, filed October 4, 1996, entitled "Methods for Electronic Synthesis of Polymers", now issued as U.S. Patent No. 5,929,208, and Application Serial No. 08/709,358, filed September 6, 1996, entitled "Apparatus and Methods for Active Biological Sample Preparation", now issued as U.S. Patent No. 6,129,828, and is related to Application Serial No. 08/677,305, filed July 9, 1996, entitled "Multiplexed Active Biological Array", now issued as U.S. Patent No. 5,965,452, and is also related to Application Serial No. 08/846,876, filed May 1, 1997, entitled "Scanning Optical Detection System", now issued as U.S. Patent No. 6,309,601, all incorporated herein by reference as if fully set forth herein.

This application is also related to the following applications filed on January 29, 1999: Application Serial No. 09/240,489, entitled "Advanced Active Electronic Devices Including Collection Electrodes for Molecular Biological Analysis and Diagnostics", now issued as U.S. Patent No. 6,225,059, U.S. Application Serial No. 09/239,569 entitled "Multicomponent Devices for Molecular Biological Analysis and Diagnostics", now issued as U.S. Patent No. 6,068,818, U.S. Application Serial No. 09/240,920 entitled "Methods for Fabricating Multicomponent Devices for Molecular Biological Analysis and Diagnostics", now issued as U.S. Patent No. 6,254,827, and U.S. Application Serial No. 09/240,931 entitled "Devices for Molecular Biological Analysis and Diagnostics Including Waveguides", now issued as U.S. Patent No. 6,315,953, all of which are incorporated herein by reference.--

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